

DONSKAYA, Ye.A.; NECHAYEV, M.S., glavnyy vrach.

Observations on group hospitalization in a children's dysentery ward.
Pediatrics no. 3:36-38 My-Je '53.

(MLA 6:8)

1. Sovetskaya bol'nitsa g. Kalinina.
(Dysentery) (Children--Hospitals and asylums)

100-100, 10-10.

Field 1
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chilling].
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CC:

1953, 1954.

field work (educational trip).

Accomplishments of young agricultural engineers and agronomists. 1953, 1954.
no. 3, 1954.

9. Monthly List of Russian Accessions, Library of Congress, September 1953, Incl.

MECHAYEV, M.V., inzhener; FILIPPOVA, V.S., redaktor; RYBIN, I.V., tekhnicheskii redaktor

[Programs for clubs sponsored by schools and other institutions; assignments for clubs of young land improvers (first, second and third year activities)] Programmy krushek vneshkol'nykh uchrasdenii i shkol; tematika raboty krushek iunykh melioratorov (1-1, 2-1 i 3-1 gody saniatii). Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1956. 59 p. (MLRA 10:7)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye shkol. 2. Ministerstvo vodnogo khsyaystva RSFSR, rukovoditel' krushek iunykh melioratorov Moskovskogo doma pionerov (for Mechayev) (Agricultural engineering--Study and teaching)

NECHAYEV, M.

Meliorators of water resources. IUn. tekhn. 2 no. 4: 33-37 My 198.
(MIRA 11:6)

(Water resources development)

NECHAYEV, M. [Nechaiev, M.]

Let's assure the state farms a reliable water supply.

Sil'. bud. 11 no.4:12-14 Ap '61.

(MIRA 14:6)

1. Glavnyy inzh.-gidrotekhnik Glavnogo upravleniya sovkhozov pri
Sovete Ministrov USSR.

(Ukraine--Water supply, Rural)

(Water pipes)

NECHAYEV, M. [Nechaiev, M.]

Make wider use of nonmetallic pipe for the mechanization of
water supply on stock farms. Sil'.bud. 12 no.3:20-22 Mr '62.
(MIRA 15:8)

1. Glavnyy inzh. gidrotekhniki Glavnogo upravleniya sovkhovov
pri Sovete Ministrov UkrSSR.

(Water pipes) (Ukraine--Water supply, Rural)

MECHAYEV, M. [Mechaliev, M.], inzh.

Indoor water supply with insulated glass and rubber pipes
on livestock farms. Sil'. bud. 12 no.5:9-12 My '62.
(MIRA 16:4)

(Water supply, Rural) (Pipe, Glass)
(Pipe, Rubber)

NECHAYEV, N. A.

621.316.732 : 621.313.322
1638. AUTOMATIC EXCITATION REGULATOR FOR LOW
POWER GENERATORS. N. A. Nechayev.
Energetik, 1955, No. 12, 1-3. In Russian.

Considering that the automatic regulation arrangement used for the main power stations (diagram of connections given) is too complicated for generators supplying relatively small networks (railways, timber industry, agriculture) the author proposes his own scheme, described in detail, whose main simplification consists in feeding both the compounding and the correcting elements from one phase only and not from three phases as in the general scheme. Satisfactory operating results are reported and illustrated by graphs. A. Karlsbad

BS
11/1/50

NECHAYEV, N.A.

621.316.71.078 : 621.398
3783. SOME PROBLEMS OF THE INTRODUCTION OF
AUTOMATIC AND REMOTE CONTROL, I.Ya. Ryshkovskii
and N.A. Nechaev.

Elektrichestvo, 1956, No. 4, 70-3. In Russian.

The general introduction of automatic excitation control for synchronous alternators and compensators is discussed and some of the circuits designed for this purpose are described together with reports on operational experience with various types, some of which are too heavy and expensive, whereas others serve the purpose in every respect. Further consideration is given to the use of commutator-frequency operating current for remote control and multi-channel tele-control systems. Two systems are contrasted, one of which is shown to be impracticable because it requires not less than five rectifiers and five current relays for the control of a single object, while the other requires neither rectifiers nor relays. The two systems are demonstrated in an application to circuit-breaker control. Further questions considered are the use of gravity and spring drives in telecontrolled circuit-breakers and the suitability of cable and overhead lines for telecontrol purposes, etc.

B.F. Kraus

PCS

MECHAYEV, Nikolay Aleksandrovich; RYSHKOVSKIY, Isaak Yakovlevich; SHIRYAYEV,
A.P., inzh., red.; BOBROVA, Ye.M., tekhn.red.

[Automatic governors of generator excitation in railroad electric
power stations] Avtomaticheskie regulatory возбуждения generato-
rov zheleznodorozhnykh elektrostantsii. Moskva, Gos. transp. shel.-
dor. izd-vo, 1958. 33 p. (MIRA 11:4)

(Electric generators) (Automatic control)

NECHAYEV, Nikolay Aleksandrovich, inzh.; CHIZHOV, Aleksandr Alekseyevich, inzh.;
ZELEVICH, P.M., inzh., red.; BOBROVA, Ye.M., tekhn. red.

[Constructing subway tunnels] Postroika tonnelei metropolitenov.
Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 291 s. (MIRA 11:12)
(Tunneling)
(Subways)

NECHAYEV, N. A., Cand of Tech Sci — (diss) "Automatic Regulation of the Induction of
Generators of Railroad Electric Stations, " Moscow, 1959, 9 pp (Moscow Institute
of Engineers of Railroad Transport in Stalin) (KL, 4-60, 119)

NECHAYEV, N.A., inzh. RYSHKOVSKIY, I. Ya., kand.tekhn.nauk, dotsent

Automatic control of voltage on traction substations of
electric railroads. Trudy DIIT no.29:27-33 '59. (MIRA 13:5)
(Automatic control) (Electric substations)

NECHAYEV, N.A., inzh.

Automatic excitation regulator of synchronous generators with a
triode. Trudy DIIT no.29:158-160 '59. (MIRA 13:5)
(Electric generators) (Automatic control)

1. NAYEV, N. I., kand. tekhn. nauk

avtomaticheskii regulator eksitatsii
dlya avtomaticheskoi synkhronnoi generatsii
ver. trud. DIT no. 99+14.7.191 '61.

NECHAYEV, N. N.

308/99-59-10-7/11

Doroshko, P. I., Engineer
Extra-mural "Session of the Scientific Council of the
Faculty at the "Pathto-Aral" Jarkhos
Oldrotekhniks i melioratsiya, 1969, No. 10, pp. 43-6.

PERIODICAL:

ABSTRACT

card 17

23

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[illegible]

ZENCHENKO, A.V., kand.med.nauk; MECHAYEV, N.N.

Abstracts of foreign literature. Ortop. travm. i protaz.
24 no.2: 81-82 F'63. (MIRA 16:10)
(BONES — DISEASES)

PHASE I BOOK EXPLOITATION

SOV/4463

Davydenko, Yu. I., and N.T. Nechayev

Osobennosti rasprostraneniya metrovykh radiovoln (Special Features in the Propagation of Metric Radio Waves) Moscow, Voenizdat, 1960. 170 p. No. of copies printed not given.

Ed.: P.I. Gmutikov; Tech. Ed.: A.N. Mednikova.

PURPOSE: This book is intended for military technical personnel engaged in the study of communications, radar, and television.

COVERAGE: The book covers a number of practical problems connected with the influence of existing conditions on the range and stability of communications realized in the metric wave band. Estimates are made of the influence of earth's surface, terrain topography, soil conditions, wooded areas, and various landmarks on radio-wave propagation in this band. Physical processes occurring during the radiation and propagation of radio waves are described. The authors' purpose is to give practical advice in securing communication for the most frequently found radio station locations. No personalities are mentioned. There are no references.

Card 1/4

NECHAYEV, Nikolay Vasil'yevich, kandidat pedagogicheskikh nauk; PANKRATOVA, A.M., akademik, redaktor; BOCHAROVA, M.D., redaktor; SADI, L.S., redaktor; OSTRIROV, N.S., tekhnicheskii redaktor

[Mining and metallurgical schools of the Urals; the history of professional and technical education in Russia] Gornosavodskie shkoly Urals; k istorii professional'no-tekhnicheskogo obrazovaniia v Rossii. Pod red. A.M.Ponkratovoi. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 205 p. (MLRA 9:11)
(Technical education--History)

NECHAYEV, P.; MAYZEL', I., inzhener-kapitan-leytenant

Duty, official and public. Tekh. i vooruzh. no. 3: 76-8 Mr '64.
(MIRA 17:8)

1. Nachal'nik byuro izobreteniy Severnogo flota (for Nechayev).

PHASE I BOOK EXPLOITATION

SOV/5414

Nechayev, P. A., Engineer, A. A. Yakushenkov, Candidate of Technical Sciences, and N. B. Kudrevich, Engineer

Elektronavigatsionnyye pribory (Electric Navigation Instruments)
Leningrad, Izd-vo "Morskoy transport," 1960. 496 p. Errata slip inserted. 8,000 copies printed.

Special Ed.: D. N. Ikonnikov; Ed. of Publishing House: K.N. Denisov;
Tech. Ed.: L. P. Drozhzhina.

PURPOSE: This book is intended for students in the navigation departments of maritime academies and is composed in accordance with the program approved by the Ministry of Merchant Marine.

COVERAGE: The textbook presents elements of theory and the fundamentals of construction and operation of modern gyrocompasses used on ships of the fishing industry and merchant marine. Individual sections cover logs and sounding devices. The theoretical material of the book is based on elementary mathematics and is confirmed by consideration of the physical nature of the processes and phenomena

Card 1/12

Electric Navigation Instruments

SOV/5414

studied. The first part of the book, "Gyrocompasses", was written by Engineer P. A. Nechayev (Introduction, Chapters I, II, III, V, VI, VII, and VIII) and Candidate of Technical Sciences A. A. Yakushenkov (Chapters IV and IX); the second part, "Logs", was written by Engineer A. D. Kuznetsov, and the third part, "Sounding Devices", by Engineer N. B. Kudrevich. Also participating was Engineer V. Ya. Khodyrev who wrote sections 29, 30, 31, and 32. The authors thank D. N. Ikonnikov, docent, and Engineers A. P. Matsyuto, M. Ye. Ivanov, F. S. Boytsov, B. A. Grebenshchikov, and V. V. Kvokshe. No personalities are mentioned. There are 16 references, all Soviet.

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PEREFONOV, G.A., kand. biolog. nauk; NECHAYEV, P.A., mladsh y nauchnyy
soтрудnik

Treating cattle with theileriosis. Veterinariia 41 no.6:
56-58 Je '64. (MIRA 18:6)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

NOCHAYEV, I.A., mladshiy nauchnyy sotrudnik

Treatment of proliferation 3. Veterinaria 42 no.5 85-86
My '65. (MIRA 18.6)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

NECHAYEV, Pavel Aleksandrovich; 21.11.1927, ...
inzh.; ALEXANDER VSKI, ...
V.I., ...

[Magnet ...
port, ...]

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BOOK EXPLOITATION

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Nechayev, Pavel Aleksandrovich; Kudrevich, Nadesha Borisava

Electric navigation instruments (Elektronavigatsionnyye pribory) 2nd ed., rev. and enl. Moscow, Izd-vo "Transport," 1965. 495 p. illus., 5 fold, charts (in pocket). Errata slip inserted. 15,000 copies printed.

TOPIC TAGS: ⁵⁵ ship navigation, navigation aid, ⁹ inertial navigation equipment, navigation compass, gyroscope, gyrocompass, gyroscope equipment, automatic navigator sonar equipment, sonar, acoustic detection equipment/Kurs gyrocompass, ABR automatic navigator, NEL sonar equipment

PURPOSE AND COVERAGE: This book is intended for students of navigation in schools of the Ministry of the Merchant Marine. It may also be used by navigators of transport and fishing fleets. The book is the second, revised and enlarged edition. The book deals with elements of the theory, (structural) design and operating instructions of modern gyrocompasses, automatic pilots, hydraulic logs, and fathometers (echo-sounding equipment). The introduction and the

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first part were written by P. A. Nachayev, the second and third parts, by N. B. Kudrevich, and Chapters V and XII by V. Ya. Khodyrev.

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AVAILABLE: Library of Congress

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SUB CODE: NG

SUBMITTED: 22Mar65

NO REF SOV: 000

OTHER: 000

Card 10/10

MECHAYEV, P.T.

Methods of analysing fulfillment of the plan for lowering costs in
locomotive depots. Zhel.dor.transp. 40 no.10:76-78 0 '58.
(MIRA 11:12)

1. Starshiy inzhener-ekonomist depo st. Kamenolomni Severo-
Kavkazskoy dorogi.
(Railroads--Stations) (Railroads--Cost of operation)

NECHAYEV, P.V.

Method for prospecting the Tobol titanium-zirconium placer de-
posit. Mat.po geol.i pol.iskop.Urala no.6:129-133 '58.
(AIRA 12:10)

(Tobol Valley--Titanium ores)
(Tobol Valley--Zirconium)

NECHAYEV, P.V.

What are the advantages of irrigation. Zemledel'nyye deliya
62-54 Mr. "M...".

1. glavnyye deliya za "glavnyy" P...
kniga.

[illegible]

biology of the Northwest Georgia brown coal basin. I Geol. Gita
Sovetsk. SSSR, 1964, 10, 1, 1-10. (Russian). Makhva, M. A.,
1964, 10. (Makhva, M. A., 1964, 10, 1, 1-10. (Russian).
"Prilozh. 1". MIRA 1964, 10, 1, 1-10. (Russian). MIRA 1964, 10, 1, 1-10. (Russian).

NECHAYEV, R. (Leningrad); ANTIMONOV, N. (Kursk); SVISTUNOV, N. (Moskva);
SUSHKIN, V. (Tula); BAICHKIN, N. (Murmansk); MAKICHAN, S. (Baku)

Working with initiative. Pozh. delo 4 no. 7:6-7 J1 '68. (MIRA 11:8)

(Fire prevention)

11/1
GLUKHOVSKIY, V.D., inzhener; YAVORSKIY, G.A., inzhener; NECHAYEV, S.F.,
inzhener.

Planning construction of a multistory industrial building using
precast reinforced concrete elements. Stroiprom. 32 no.4-21-25
Ap '54. (MLRA 7:5)
(Precast concrete construction)

MECHAYEV, S.Z., inzh.

Characteristics of planning spinning sheeps for producing caprone
fiber. Nov. tekhn. i pered. op. v stroi. 20 no. 8:22-24 Ag '58.
(MIRA 11:7)

(Industrial building)
(Industrial hygiene)

NECHAYEV, S.F., inzh.; NAYMAN, Ya.M.

Practices in building a plant to manufacture the "anid" fiber.
Prom. stroi. 42 no. 6:46-47 '65. (MIRA 1:1)

NIKOLENKO, Leonid Konstantinovich; SOKOLOV, Vsevolod Ivanovich;
MALOV, A.N., doktor tekhn. nauk, prof., retsenzent;
NECHAYEV, S.I., inzh., retsenzent; KOLOSOV, M.A., red.;
ANTONOVA, S.D., red. 1zd-va; NOVIK, A.Ya., tekhn. red.

[Manual for the assembly of gas-turbine engines] Posobie
dlia sluzhba-sborschika gazoturbinnnykh dvigatelei. Moskva,
Ooborongiz, 1963. 262 p. (MIRA 17:1)

AMITROV, V.K.; NECHAYEV, S.P., veterinarnyy vrach; MEDVEDEV, V.A.;
KAZAKOV, M. Ya.

Pasteurellosis of cattle. Veterinarika 38 no.3:30-31. Mr 1:1

1. Penzerskaya oblastnaya veterinarnaya laboratoriya (for Amitrov).
2. Veterinarnyy otdel Penzenskogo oblastnogo upravleniya sel'skogo
khozyaystva (for Nechayev).
3. Glavnyy veterinarnyy vrach Bashma-
kovskogo rayona, Penzenskoy oblasti (for Medvedev).
4. Starshiy
veterinarnyy vrach plemennogo sovkhoza "Krasnoye znamyo" Bashma-
kovskogo rayona (for Kazakov).

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001136

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001136

NECHAYEV, S.S.

Seasonal soil thawing during the summer of 1958 in the region
of the city of Vorkuta. Izv.Komi fil.Geog.ob-va SSSR no.7:121-
124 '62. (MIRA 15:12)

(Vorkuta region—Thawing)

NECHAYEV, S. V.

NECHAYEV, S. V. -- "Microbiological Investigation of the Foci of Tuberculosis on Sectional Material." Sub 9 Jun 52, First Moscow Order of Lenin Medical Inst. (Dissertation for the Degree of Candidate in Medical Sciences).

CO: Vechernaya Moskva January-December 1952

MECHAYEV, S.V. [Mechaisov, S.V.]

One cobalt ore manifestation on the southwest edge of the
Donets Basin. Geol.shur. 18 no.4:88-91 '58. (MIRA 12:1)
(Donets Basin--Cobalt)

NECHAYEV, S.V. [Nechalev, S.V.]

Metallogenetic characteristics of the southern border of the
Donets Basin. Geol. zhur. 19 no.3:51-58 '59. (MIRA 12:10)
(Donets Basin--Ore deposits)

AUTHOR:

Неснягу, ' Y

TITLE:

On the Problem of the Germination of Detritus and Detritivores Transformed Into Detritus on the South Western Edge of the Donbas (K voprosu germinatsii i razvitiya zhiznennykh izvestnyakov yuzhno-zapadnoy skloniny Donbasa)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol. 164, No. 1, pp. 1117-1119 (USSR).

ABSTRACT:

The genesis of the white, steatitic, siliceous and limestone cemented in the little enclosures are difficult to within thin Porphyry. The latter may be of magmatic origin determined. The white limestone is probably of the genesis of (1) The dolomite are of sedimentary origin or sedimentary-diagenetic formation (Ref. 1) and (2) the dolomite are hydrothermal replacement formations and formed as a consequence of a transformation of limestones into dolomite due to magnesium containing hydrothermal solution. The latter is occurring in the surface, however with which calcification might be genetically connected. Ref. 2 are in line in most regions in which limestones are found and have been transformed by the above process. A. P. Galya (Ref. 3) has collected

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On the Problem of the Genesis of Dolomites and Limestones Transformed Into Dolomites in the South Western Ural Mountains

pure dolomites may be found. Also, by hydrothermal metamorphic processes the structure connection of the dolomites with clearly determined horizons cannot be explained. The analysis of many facts and personal observations leads to the conclusion to maintain that dolomitization is genetically connected with a clearly determined complex of small intrusions. Thus, dolomites are hydrothermal, metamorphic formations. The mechanism of dolomitization may be similar to the introduction of quartz into limestones, be explained by the fact (Ref. 1) that $MgCO_3$ and $CaCO_3$ are isomorphous.

serpentine after heating to 400°C. The results of the components rapidly leached out. 450-500°C. There are 10 Soviet references.

PRESENTED: October 1, 1968, by S. K. Kuznetsov, A. A. A. A. A.

SUBMITTED: October 1, 1968

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NECHAYEV, S.V.

Garnet from skarns of the Volnovakha fault zone. Min.sbor.
no.14:366-369 '60. (MIRA 15:2,

1. Ministerstvo geologii i okhrany nedr SSSR, Kirovskaya
ekspeditsiya.

(Volnovakha region. Garnet,

NECHAYEV, S.V.; BONDARENKO, I.G.

Ore-bearing skarns in some negative magnetic anomalies of the
southern Donets Basin. Razved. i okh. nedr 26 no.7:6-9
Jl '60. (MIRA 15:7)

1. Ministerstvo geologii i okhrany nedr SSSR.
(Donets Basin--Skarns) (Magnetic prospecting)

NECHAYEV, S. V. Cand Geol-Min Sci -- "Hydrothermal mineralization of the
Volnovakha ^{basin of watersheds} ~~basin~~" Kiev, 1961 (Min of Higher and Secondary specialized
Education USSR. Kiev Order of Lenin State Univ in I. G. Shevchenko.
(KL, 4-61, 190)

KONONOV, Yu.V.; NECHAYEV, S.V. [Nechaiev, S.V.]

Accessory xenotime from the metazomatite in Pre-Cambrian
migmatites of the Bug Valley. Dop. AN USSR no. 2:1076-1080
'61. (MIRA 14:9)

1. Institut geologicheskikh nauk AN USSR. Predstavleno
akademikom AN USSR N.P. Semenenko [Semenenko, M.P.]
(Bug Valley--Mineralogy)

NECHAYEV, S.V.; KONONOV, Yu.V.

New genetic type of rare metal mineralization in Pre-Cambrian
migmatites of the European part of the U.S.S.R. Sov.geol. 6 no.4:123-
126 Ap '63. (MIRA 16'4)
(Metals, Rare and minor) (Migmatites)

3 12 24 48 96 192 384 768 1536 3072 6144 12288 24576 49152 98304 196608 393216 786432 1572864 3145728 6291456 12582912 25165824 50331648 100663296 201326592 402653184 805306368 1610612736 3221225472 6442450944 12884901888 25769803776 51539607552 103079215104 206158430208 412316860416 824633720832 1649267441664 3298534883328 6597069766656 13194139533312 26388279066624 52776558133248 105553116266496 211106232532992 422212465065984 844424930131968 1688849860263936 3377699720527872 6755399441055744 13510798882111488 27021597764222976 54043195528445952 108086391056891904 216172782113783808 432345564227567616 864691128455135232 1729382256910270464 3458764513820540928 6917529027641081856 13835058055282163712 27670116110564327424 55340232221128654848 110680464442257309696 221360928884514619392 442721857769029238784 885443715538058477568 1770887431076116955136 3541774862152233910272 7083549724304467820544 14167099448608935641088 28334198897217871282176 56668397794435742564352 113336795588871485128704 226673591177742970257408 453347182355485940514816 906694364710971881029632 1813388729421943762059264 3626777458843887524118528 7253554917687775048237056 14507109835375550096474112 29014219670751100192948224 58028439341502200385896448 116056878683004400771792896 232113757366008801543585792 464227514732017603087171584 928455029464035206174343168 1856910058928070412348686336 3713820117856140824697372672 7427640235712281649394745344 14855280471424563298789490688 29710560942849126597578981376 59421121885698253195157962752 118842243771396506390315925504 237684487542793012780631851008 475368975085586025561263702016 950737950171172051122527404032 1901475900342344102245054808064 3802951800684688204490109616128 7605903601369376408980219232256 15211807202738752817960438464512 30423614405477505635920876929024 60847228810955011271841753858048 121694457621910022543683507716096 243388915243820045087367015432192 486777830487640090174734030864384 973555660975280180349468061728768 1947111321950560360698936123457536 3894222643901120721397872246915072 7788445287802241442795744493830144 15576890575604482885591488987660288 31153781151208965771182977975320576 62307562302417931542365955950641152 124615124604835863084731911901282304 249230249209671726169463823802564608 498460498419343452338927647605129216 996920996838686904677855295210258432 1993841993677373809355710590420516864 3987683987354747618711421180841033728 7975367974709495237422842361682067456 15950735949418990474845684723364134912 31901471898837980949691369446728269824 63802943797675961899382738893456539648 127605887595351923798765477786913079296 255211775190703847597530955573826158592 510423550381407695195061911147652317184 1020847100762815390390123822295304634368 2041694201525630780780247644590609268736 4083388403051261561560495289181218537472 8166776806102523123120990578362437074944 16333553612205046246241981156724874149888 32667107224410092492483962313449748299776 65334214448820184984967924626899496599552 130668428897640369969935849253798993199104 261336857795280739939871698507597986398208 522673715590561479879743397015195972796416 1045347431181122959759486794030391945592832 2090694862362245919518973588060783891185664 4181389724724491839037947176121567782371328 8362779449448983678075894352243135564742656 16725558898897967356151788704486271129485312 33451117797795934712303577408972542258970624 66902235595591869424607154817945084517941248 133804471191183738849214309635890169035882496 267608942382367477698428619271780338071764992 535217884764734955396857238543560676143529984 1070435769529469910793714477087121352287059968 2140871539058939821587428954174242704574119936 4281743078117879643174857908348485409148239872 8563486156235759286349715816696970818296479744 17126972312471518572699431633393941636592959488 34253944624943037145398863266787883273185918976 68507889249886074290797726533575766546371837952 137015778499772148581595453067151533092743675904 274031556999544297163190906134303066185487351808 548063113999088594326381812268606132370974703616 1096126227998177188652763624537212264741949407232

10 6300

AUTHOR Nekhayev, S.V.

TITLE Determination of the Mapping Function From the Correspondence of Critical Points at Complete Flow Around a Profile

PERIODICAL: Pr. Ufimsk. aviats. in-za, 1957 (1958), No. 4, pp. 59-61

TEXT A method is elucidated for determining the dependence of the efficiency of a fan, on, for example, mapping the exterior of a circle onto the exterior of a profile. The method makes use of the correspondence of the points. The profile was found beforehand by means of electrical simulation. The accuracy of the approximations is shown for the precise rated determination of the efficiency, as well as their determination in case of mapping the exterior of slotted wing onto the exterior of two circles. The mappings are exemplified. The determination of the critical points as well as the radius of the circle and the direction of the circulationless flow around the profile is not necessary according to the nature of the problem being solved by the author. A simple and rigorous method

Caro : 12

85920

S/124/80/11
A005/A001

Determination of the Mapping Function from the Correspondence of
a Complete Flow Around a Profile

of determining the correspondence of the points for conformal mapping of
and doubly connected regions onto a circle and a ring respectively by
simulation was presented by the reviewer in 1962. Modern methods of
primarily physical modeling and analytical methods for the
skog modelirovaniya, 9 - 16 Maya 1957. Istok materialov, M., 1957, 1957
1957. Tseltbaum, I.M., Elektricheskiye modeli i fizicheskiye
RZhMak, 1960, No. 5, 4580 K.

Translator note: This is the full translation of the original Russian text.

Card 2/2

SOV/124-59-1-329

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 1, p 42 (USSR)

AUTHOR: Nechayev, S.V.

TITLE: Flowing Around of Two Circles

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1957, Nr 35, pp 21-35

ABSTRACT: The problems of the longitudinal and the transverse flowing around of two circles without circulation are solved approximately. On the main stream is superimposed a stream from two dipoles, each of which is located within one of the circles. The positions of these dipoles and their moments are chosen approximately. In the case of the circulation flow around of the circles, the complex potential

$$W = \frac{\Gamma_1}{2\pi i} \ln z + \frac{\Gamma_2}{2\pi i} \ln (z - t)$$

is added to the earlier obtained complex potential of the longitudinal flow around two circles with their centers at the points $z = 0$ and $z = t$.

M.I. Gurevich ✓

Card 1/1

SOV 124 58-8 8519D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 27 (USSR)

AUTHOR: Nechayev, S V.

TITLE: Electrical-analog Investigation of a Slotted Wing (Issledovaniye razreznogo kryla s primeneniym elektricheskoy analogii)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Kazansk aviats. in-t (Kazan' Aviation Institute), Kazan', 1958

ASSOCIATION: Kazansk aviats. in-t (Kazan' Aviation Institute), Kazan

Card 1 1

NECHAYEV, S.Ye.; KABAK, A., red.; BELOUSOVA, L., tekhn.red.

[Struggle of the Moldavian party organization for the development
of stockbreeding] Partiinsia organizatsia Moldavii v bor'be za
pod"em zhivotnovodstva. Kishinev, Gos.izd-vo "Karta Moldoveniaska,"
1960. 88 p. (MIRA 13:11)
(Moldavia--Stock and stockbreeding)

NECHAYEV, V. A.

PA 67T97

USSR/Mines and Mining
Mining Methods
Packings, Hydraulic

Jan 1948

"Hydraulic Packing in the Karabashsk Shafts," K. I.
Kataya, Mining Technician; V. A. Nechayev, Mining
Engr, 4½ pp

"Gor Zhur" No 6

Describes such basic concepts as the technology of
hydraulic packing work, the subject method as ele-
ment of the over-all operation of a mine, and as
very important means of controlling subterranean
fires.

LC

67T97

NEYFEL'DT, I.A.; NECHAYEV, V.A.

First finds of nests of the honey buzzard *Pernis ptilorhynchus*
orientalis Tacz in the U.S.S.R. Dokl.AN SSSR 145 no.2:463-466
Jl '62. (MIRA 15:7)

1. Zoologicheskii institut AN SSSR i Dal'nevostochnyy filial
Akademii nauk SSSR. Predstavleno akademikom Ye.N.Pavlovskim.
(Suobodnyy District—Buzzards)

NECHAYEV, V.A. [Nechaiev, V.O.]

Conferences on the problems of the general geological survey
in the Ukrainian S.S.R. Geol.shur. 22 no.4:112-114 '62.

(MIRA 15:9)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete
Ministrov UkrSSR.

(Ukraine--Geology--Maps)

L 10300-61 EWP(k)/EWP(q)/EWT(m)/
BDS--AFFTC/ASD--JD/RM/WB
ACCESSION NR: AP3001118

8/0125/63/000/007/0034/0040

AUTHOR: Kochayev, V. A.; Tunger, S. V.

TITLE: Effect of the composition of 1Kh18N9T steel and its welded joints on the intergranular-corrosion resistance after a heating at 500C

SOURCE: Avtomaticheskaya svarka, no. 7, 1963, 34-40

TOPIC TAGS: 1Kh18N9T steel, acid-resisting steel, intergranular corrosion resistance, stabilizing annealing

ABSTRACT: It had been known that the acid-resistant 1Kh18N9T steel and its manually welded joints are liable to intergranular corrosion after 1,500 hr of heating at 500 C. Therefore, studies of the effects of long-time heating on submerged-arc-welded joints of this steel were organized. Seven varieties of the 1Kh18N9T steel with different C/Ti ratios and six types of welding wire were tested; automatic welding was used. It was found that: (1) only a stabilizing annealing for 2 hours at 875C can guarantee the intergranular-corrosion resistance of 1Kh18N9T steel heated at 500C for a long time; (2) with 3,500-hr heating up to 500C, the intergranular-corrosion resistance of welded joints of the above steel can be preserved if Sv-07Kh19N9Ti, El902 (Kh19Ni10M3B), and Sv-08Kh20N9GT welding wires are used

Card 1/2

L 10300-63

ACCESSION NR: AP3001118

and if the joints are annealed for 2-3 hr at 875C. "F. A. Ratin, L. V. Yudina, V. V. Rayevskaya, M. P. Mel'nikov, and K. A. Sinelitskiy took part in the work." Orig. art. has: 5 figures and 5 tables.

ASSOCIATION: Volgogradskiy nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya (Volgograd Scientific-Research Institute of Machine-Building Technology)

SUBMITTED: 15May62

DATE ACQD: 02Aug63

ENCL: 00

SUB CODE: 00

NO REF SOV: 007

OTHER: 001

Card 2/2

KLITIN, N.P., inzh.; NECHAYEV, V.A., inzh.; LOKSHIN, V.A., kand.tekhn.nauk

Results of testing the GTU-600-1.5 plate regenerator.
Teploenergetika 8 no.5:11-17 My '61.

(MIRA 14:8)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i
ratsionalizatsii elektrostantsiy; Khar'kovskiy tekhnologicheskii
institut i Dneproenergo.
(Gas turbines)

RAKOV, K.A., inzh.; NECHAYEV, V.A., inzh.; PIGALEV, V.P., inzh.

Use of 300 atm. steam pressure and temperatures of 650 C in an
experimental boiler of the all-Union Heat Engineering Institute.
Elek.sta. 34 no.2:7-12 F '63. (MIRA 16:4)
(Boilers)

NECHAYEV, A.P.; ~~NECHAYEV, V.A.~~

Role of birds in spreading seeds of the Amur cork tree. Izv.
SO AN SSSR no.8. Ser. biol.-med. nauk no.2:56-61 '63.
(MIRA 16:11)

1. Khabarovskiy gosudarstvennyy pedagogicheskiy institut i
Dal'nevostochnyy filial Sibirskogo otdeleniya Ak SSSR, Vladivostok.

*

L 52117-65 EPA(s)-2/EWP(k)/EWA(c)/EWT(m)/EWP(b)/T/EWP(v)/EWP(t) Pf-4 JD/HM

ACCESSION NR: AP5015365

UR/0286/65/000/009/0114/0114

621.791.042.2

AUTHOR: Madovar, B. I.; Safonnikov, A. N.; Nechayev, V. A.; Yunger, S. V.;
Denisov, A. V.

26
24
B

TITLE: Welding rod. Class 49, No. 170828

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 114

TOPIC TAGS: welding, welding rod

ABSTRACT: This Author's Certificate introduces a rod for closed arc welding. The rod contains carbon, manganese, silicon, chromium, nickel, titanium, aluminum, niobium, sulfur, phosphorous, and iron. The quality of the welded joint is improved by using the following percent proportions of components: carbon--no more than 0.09; silicon--no more than 0.8; manganese--1-2; chromium--17-19; nickel--9-10.5; titanium--1.0-1.4; aluminum--0.3-0.5; niobium--0.6-0.8; sulfur--no more than 0.018; phosphorous--no more than 0.03; remainder--iron.

ASSOCIATION: Volgogradskiy Nauchno-issledovatel'skiy institut tekhnologii machino-

Card 1/2

L 52117-65

ACCESSION NR: AP5015365

2

stroyeniya (Volgograd Scientific Research Institute of Machine Building Technology);
Institut elektrosvarki im. Ye. O. Patona (Electric Welding Institute)

SUBMITTED: 08Mar63

ENCL: 00

SUB CODE: IE, MM

NO REF SOV: 000

OTHER: 000

Card 2/2 *mb*

MAMADALIYEV, Yu. G.

"The Chemical Composition of Bitumen From the Binagadinskoye Cemetery of the Fauna and Flora of the Quarternary Period," Bakinskiy Rabotnik, No.203, 1947

President, AS Azerbaydshan SSR

NECHAYEV, V. A.

4359. NECHAYEV, V. A. I SIZOV, P. G. -- O zemletreseniyakh i ikh nablyudenii. Stalinabad, Izd-vo akad. nauk tadzhik. SSR, 1954. 30 s. 20 sm. (Akad. nauk tadzhik. SSR. In-t seysmologii. Nauch.-popul. E-ka. Vyp. 24). 1.000 ekz. 70k.--(54-58033)p

SO: Knizhnaya letopis', Vol. 1, 1955

NECHAYEV, V. A.

"New Types of Waves During Earthquake".
Dokl. AN Tadzh SSR, No 13, p 15, 1954.

The seismogram of the strong earthquake at Obi-Garma revealed two types of waves. One had weak oscillations in a horizontal plane of 0.5 mu amplitude and 2 sec period; the second had a 12-sec period and a horizontal shift of 18 mu perpendicular to the direction to the epicenter. The second wave was emitted at the immediate start of the earthquake, pointing to its electromagnetic nature. (RZhFiz, No 11, 1955)

SO: Sum No 884, 9 Apr 1956

NECHAYEV, V.A.

Determining the depth of seismic foci by the distribution of
the intensity of tremor in the area. Dokl. AN Tadzh.SSR no.16:
3-8 '56.

(MLRA 9:11)

1. Institut seysmologii Akademii nauk Tadzhikskoy SSR.
Predstavleno akademikom Akademii nauk Tadzhikskoy SSR
A.P. Nedzvetskim.

(Seismometry)

NECHAYEV, V.A.

Dividing the area around Stalinabad into microseismic districts.
Izv. Otd. est. nauk AN Tadzh. SSR no.1:15-33 '59.

(MIRA 13:3)

1. Institut seysmostoykogo stroitel'stva i seysmologii AN Tadzhikskoy
SSR.

(Stalinabad region--Earthquakes)

S/163/62 000 000 001 012 07
D228, D304

AUTHOR: Nechayev, V. A.

TITLE: Interaction of the ground and an edifice in an earthquake

PERIODICAL: Referativnyy zhurnal, Geofizika: no. 1, 1960, 20, abstract 2A140 (Tr. In-ta seysmostoyk. str.-st. seym. AN TadzhSSR, 8, 1960, 76-83).

TEXT: When estimating seismic effects it is usually supposed that the movements of an edifice and the ground coincide. Such a premise does not correspond to reality. This question is studied by comparing records of the movement of the ground and foundations structures during explosions and shock effects and at the time of earthquakes with a force of 2 - 4 points. The ratio of the parameters of movement of a foundation structure to those in the ground is denoted by the perception coefficient K_p . The approximate value of K_p is determined from the empirical formula:

Card 1/1

Interaction of the ..

3,169,2,000 00-0
D288, D301

$$K_p = K \cdot \frac{1}{K_p T^2}$$

where T is the period of vibration, and the values of K_p and K may be taken as equalling 0.85 and 0.2 respectively. The proposed formula explains the facts observed in the behavior of edifices on ground of a variable density. Spectral curves of seismic influence on ground of differing density constructed with allowance for K_p are suggested. S. V. Medvedev's seismicity scale may be utilized when employing these curves to establish the absolute magnitude of the accelerations. Abstract for series: Complete text only.

Card 2

KRIVOLUTSKAYA, G.O., kand. biolog. nauk; NECHAYEV, V.A. (Vladivostok)

Volcanic ash shower. Priroda 52 no.9:126 '63. (MIRA 16:11)

DANILOVA, B.S., ~~hard.med.nauk~~; BOBROVSKIY, N.S.; BRAVEPMAN, I.P.; MECHAYEV, V.A.

Use of nitrous oxide for the prevention and treatment of traumatic shock under conditions of first aid. Sov.med. 28 nov. 1974 Ap
'65. (M PA 1816)

1. Stantsiya skoroy pomoshchi (nachal'nik - zastupayemyy vrach
RSFSR L.B.Shapiro), Moskva.

NECHAYEV, V.A.

Ornithological findings in the southern Kurile Islands. Ornithologia
no. 7:122-129 '65. (MIRA 18:10)

NECHAYEV, V.A.

Green pigeon *Sphenurus steboldii* Temm. on the Kurashir Island.
Ornitologiya no. 7:482-483 1965.

(MIRA 18:10)

7

*Investigation of Thermal Energy of the Flames of
Welding Torches. (In Russian) V. D. Nechaev. Auto-
genne Delo (Welding) Oct. 1949. p. 15-19.*

Actual limits of regulation of the above imposed by
flow rate of acetylene and jet dimensions were inves-
tigated. Standardization of welding torches on the
basis of the above was accomplished. Data are tabu-
lated and charted.

1

DETAILS OF LITERATURE CLASSIFICATION

NECHAYEV, V.D.

USSR/Engineering - Welding, Equipment Jun 51

"Investigation of a Normal Series of Nozzles for
a Welding Torch," V. D. Nechayev, Engr, VNIIAv-
togen

"Avtogen Delo" No 6, pp 14-18

Outlines procedure for designing welding torches
and discusses methods for calcg basic character-
istics and number of interchangeable nozzles for
injector-type torches. Gives calcn formulas, and
tabulates results of investigation.

200T35

N. MEYER, V. D.

USSR/Engineering - Welding, Equipment

Apr 52

"On the Effect of Certain Design Factors on Performance of Injector-Type Welding Torches,"
V. D. Nechayev, Engr, VNIIAvtogen

"Avtogen Delo" No 4, pp 11-15

Discusses such factors as distance between injector and mixing chamber and its effect on injection ratio, diams of acetylene channels, effect of divergence of injector channel at outgoing end, etc. Establishes conditions for improving injection of torch.

212T33

MECHAYEV, V.D.

Comparative investigation of various types of injector welding torches. Trudy VNIIAvtogen no.1:143-182 '53.

(MIRA 12:10)

(Gas welding and cutting--Equipment and supplies)

NECHAYEV, V. G.

Dissertation: "Investigation of an injector oxyacetylene welding torch." Submitted 1951,
Moscow Order of Labor Red Banner Higher Technical School named after
Vechernyaya Moskva, Moscow, 31 May 54.

SO: JIN 284, 26 Nov 1954

NECHAYEV, V.D., kandidat tekhnicheskikh nauk

Methods of calculating oxyacetylene injector torches. Svar.proizv.
no.9:13-16 S'55. (MLRA 8:11)

(Gas welding and cutting)

NECHAYEV, V.D.

ANTONOV, I.A., kand.tekhn.nauk; ANTOSHIN, Ye.V., inzh.; ASINOVSKAYA, G.A., inzh.; VASIL'YEV, K.V., kand.tekhn.nauk; GUZOV, S.G., inzh.; DEYKUN, V.K., inzh.; ZAYTSEVA, V.P., inzh.; KAZEMKOV, P.P., inzh.; KARAN, Yu.B., inzh.; KOLTUNOV, P.S., kand.tekhn.nauk; KOROVIN, A.I., inzh.; KRZHECHKOVSKIY, A.K., inzh.; KUZNETSOVA, Ye.I., inzh.; MATVEYEV, N.N., teknik; MOROZOV, M.Ye., inzh.; NEKRASOV, Yu.I., inzh.; NECHAYEV, V.D., kand.tekhn.nauk; NINBURG, A.K., kand.tekhn.nauk; SPECTOR, O.Sh., inzh.; STRIZHEVSKIY, I.I., kand.khim.nauk; TESMENITSKIY, D.I., inzh.; KHIROMOVA, TS.S., inzh.; TSEUNEL', A.K., inzh.; SHASHKOV, A.N., kand.tekhn.nauk, dots.; SHNELECHNIK, M.M., inzh.; SHUKHMAN, D.Ya., inzh.; EDDEL'SON, A.M., inzh.; VOLODIN, V.A., red.; UVAROVA, A.F., tekhn.red.

[Machines and apparatuses designed by the All-Union Institute of Autogenous Working of Metals] Mashiny i apparaty konstruktsei VNIIAvtogen. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1957. 173 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov, no.9)

(Gas welding and cutting--Equipment and supplies)

AUTHOR: Nechayev, V.D., Candidate of Technical Sciences

TITLE: New Injectorless Equal-Pressure Equipment for Gas Welding and Surfacing (Novaya bezinzhektornaya apparatura ravnogo davleniya dlya gazovoy svarki i naplavki)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 12, pp 17-20, 20 figs.

ABSTRACT: On the basis of experiments carried out at VNIITsvetopen new injectorless equal-pressure devices for gas welding and surfacing were developed. Information is given on the experiments performed and on the following devices: 1) the "DVR-2-56" springless equal-pressure regulator with an injectorless acetylen-oxygen welding torch (GAR-2-56) ensuring stable gas proportions in the mixture; 2) the "DVR-2-57" device, which was designed with larger dimensions of the valve, the membrane and the clamping disk, can be used in automatic and gas-pressure welding, surface hardening and other processes requiring more gas. The advantages of the described devices are: stable flame in preheating the nozzle, stable proportion

Card 1/2

New Injectorless Equal-Pressure Equipment for Gas Welding and Surfacing

of the gas and fuel mixture, reduced changeability of the flame power, safe working conditions and economical gas consumption. There are 3 diagrams, 1 graphs, 1 photos and 1 table

ASSOCIATION: VNIIAVTOGEN

Card 2/2

V. C. HAYEV, V. D.

25(1) PHASE I BOOK EXPOSITION 30V/2281

Vsesoyuznyy nauchno-issledovatel'skiy institut avtomatizirovannogo obrabotki metallov

Kislorodnaya rezka i svara (Oxygen Cutting and Welding) Moscow, 1959. 268 p. (Series: Izv. Inst. Izv. vsp. 5) Kratec
slip inserted. 4,800 copies printed.

Ed. I. A. M. Shashkov, Candidate of Technical Sciences; Ed. of
Publishing House: G. M. Soboleva; Tech. Ed.: V. D. M. Vind
Manshin; Ed. for Literature on Heavy Machine Building: A. N.
Golovin, Engineer.

PURPOSE: This collection of articles is intended for engineers,
technicians, scientists, designers, and students of technical
schools. The book may be used for improving operational methods of
oxygen and gas metalcutting.

COVERAGE: This book contains articles on theoretical investigations
of oxygen cutting and welding and problems related to the gas-

Phase treatment of metals. No personalities are mentioned.
References follow each article.

TABLE OF CONTENTS:

Mechnyay, V. D. [Candidate of Technical Sciences]. Statistical
Method of Determining the [Micro] Coefficient of Oxygen Con-
sumption at its Exit from Cylindrical Nozzles of Welding and 191
Cutting Torches
The author investigates this problem and reaches an approx-
imate value of the μ -coefficient by determining the rela-
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TITLE: Device for automatic Flame Extinguishing During Flashback

PERIODICAL: Svarochnoye Proizvodstvo, 1959, Nr 6, pp 37-39 (USSR)

ABSTRACT: The author describes a new device for automatic flame extinguishing during flashback. The description of the new device is given in Figure 1. The valve gas-giver is described in Figure 2. Figure 3 shows the membrane-valve-gas-giver. The author describes a pneumatic two-gas-cutter which has been constructed by VNIIAVTOGEN (Fig 1). Figure 5 gives the plan of the new device for automatic flame extinguishing during back blow in testing. The author states several advantages of the new device: accidents can be avoided. It can be applied to every construction with an inner mixing of gases. The design is simple. It works automatically, additional energy supply is unnecessary. Time regulation is possible from beginning to extinguish the flame until the new supply of gas after the

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